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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/697,304	10/31/2003	Chen Chih-Wei	0698-0165P	9869
2292 7590 08/14/2007 BIRCH STEWART KOLASCH & BIRCH PO BOX 747 FALLS CHURCH, VA 22040-0747			EXAMINER CHAI, LONGBIT	
			ART UNIT 2131	PAPER NUMBER
			NOTIFICATION DATE 08/14/2007	DELIVERY MODE ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

mailroom@bskb.com

mn

Office Action Summary	Application No.		Applicant(s)	
	10/697,304		CHIH-WEI, CHEN	
	Examiner		Art Unit	
	Longbit Chai		2131	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 July 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 11-15 is/are pending in the application.
- 4a) Of the above claim(s) 1-10 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 11-15 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 31 October 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date: _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date: _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Election of Restriction Requirement

1. Applicant's election of Group II filed on 26 July 2007 with respect to restriction requirement mailed on 27 June 2007 is acknowledged and accordingly, this Office action only addresses the claimed inventions of Group II as elected by Applicant. The elected claims of Group II include claims 11 – 15.

Claim Objections

2. Claim 12 is objected to because of the following informalities: "the second address" should be replaced with "a second address". Appropriate correction(s) is (are) required.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

A person shall be entitled to a patent unless –

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 11 – 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Issa et al. (U.S. Patent 5,801,621)

As per claim 11, Issa teaches a method for protecting an embedded software from being copied and used without authorization (Issa: Column 5 Line 2 – 4: data validity check), applying

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on an electronic information appliance comprising a RAM and a NVRAM (Issa: Column 3 Line 8 – 12 / Line 12 – 19: NVRAM is one type of commonly used non-volatile memories well known in the field besides ROM and EEPROM), the method the comprising steps of:

receiving a quest with a plurality of parameters from a user to the embedded software (Issa: Column 2 Line 5 – 14: a controller is considered as a computer user entity);

storing the parameters to the RAM in a first type in a first address getting the parameters in a first type from the RAM (Issa: Column 2 Line 10 – 14);

changing the parameters to a second type and storing the parameters in the second type in the NVRAM (Issa: Column 2 Line 10 – 14 / Line 12 – 19: NVRAM is one type of commonly used non-volatile memories well known in the field besides ROM and EEPROM); and

clearing the parameters in the RAM (Issa: Column 2 Line 31 – 33).

As per claim 12, Issa teaches wherein the embedded software executes the quest with the parameters by getting the parameters in the second type from the second address of the storage device (Issa: Column 2 Line 12 – 19 / Line 31 – 33: reading / copying the parameters from the non-volatile memory back into the volatile memory).

As per claim 13, Issa teaches changing the parameters to the second type changes a sequence of the parameters parameters (Issa: Column 2 Line 10: at least one parameters).

As per claim 14, Issa teaches changing the parameters to the second type changes by coding a content of the parameters (Issa: Column 3 Line 51 – 57: writing parameter data into the non-volatile memory is indeed coding a content of the parameters).

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As per claim 15, Issa teaches the storage device is a buffer in a memory (Issa: Column 2 Line 10 – 14 / Line 12 – 19: a volatile or non-volatile memory storage device can be used as a memory buffer).

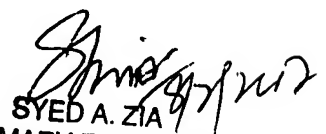
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Longbit Chai whose telephone number is 571-272-3788. The examiner can normally be reached on Monday-Friday 9:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz R. Sheikh can be reached on 571-272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


LBC

Longbit Chai
Examiner
Art Unit 2131


SYED A. ZIA
PRIMARY EXAMINER